

Abstract

Environmentally degradable finely attenuated fibers produced by melt spinning a composition comprising destructureized starch, a biodegradable thermoplastic polymer, and a plasticizer are disclosed. The present invention is also directed to highly attenuated fibers
5 containing thermoplastic polymer microfibrils which are formed within the starch matrix of the finely attenuated fiber. Nonwoven webs and disposable articles comprising the highly attenuated fibers are also disclosed.

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